

# Advanced Product Quality Planning (APQP) & Production Part Approval Process (PPAP)

**Advanced product quality planning (or APQP)** is a framework of procedures and techniques used to develop products in industry, particularly the automotive industry.

The purpose of APQP is "to produce a product quality plan which will support development of a product or service that will satisfy the customer."

APQP serves as a guide in the development process and also a standard way to share results between suppliers and automotive companies. APQP specifies three phases: Development, Industrialization and Product Launch. Through these phases 23 main topics will be monitored. These 23 topics will be all completed before the production is started. They cover such aspects as: design robustness, design testing and specification compliance, production process design, quality inspection standards, process capability, production capacity, product packaging, product testing and operator training plan, among other items.

**Production part approval process (PPAP)** is used in the automotive supply chain for establishing confidence in component suppliers and their production processes, by means of demonstrating that:

"....all customer engineering design record and specification requirements are properly understood by the supplier and that the process has the potential to produce product consistently meeting these requirements during an actual production run at the quoted production rate.

The PPAP process is designed to demonstrate that the component supplier has developed their design and production process to meet the client's requirements, minimizing the risk of failure by effective use of APQP.

## LEARNING OUT COME

Upon completion of this training, participants will be able to:

- ◆ Phase –I Plan and define Program
- ◆ Phase –II Product Design and development
- ◆ Phase – III Process Design and development
- ◆ Phase – IV Product & Process Validation
- ◆ Phase – V Feedback, assessment and corrective action
- ◆ Sample forms & Check lists
- ◆ APQP & PPAP Requirements and explanation of elements

## COURSE OUT LINE

- ◇ Overview of APQP & PPAP
- ◇ Objectives
- ◇ Introduction
- ◇ Benefits of APQP & PPAP
- ◇ Fundamentals
- ◇ Terms & Definitions

## METHODOLOGY

- ◆ Question and Answer sessions
- ◆ Instructor Led Training
- ◆ Regain of knowledge from previous trainings
- ◆ Role play and live case studies
- ◆ Group Discussions

## Brief Introduction of TnQS

TnQS (Registered as RELEVANT TRAINING AND QUALITY SOLUTIONS) has been established in India (Hyderabad) with an aim to achieve global identity as India's major Organization to bring paramount solutions for Quality Management Systems and Product Safety of Worldwide Standards.

With a spectrum of well-versed and experienced backup of more than 60 distinguished auditors, We put forward our Training and Consulting services for ISO 9001, ISO14001, ISO/TS 16949, HACCP, ISO 22000, ISO 27001, BS 7799, SA 8000, OHSAS 18001, WHO-GMP, GLP, GPP, CE Mark, PED, ADW 2000, FAMIQS, NAAC, NBA, EMI / EMC Training, Lean Manufacturing and Process Improvement etc. not only across India but also to Middle East and ASIAN countries.

## WHO TO ATTEND

- ◇ Senior and middle management executives Professionals who want to understand Core Tools
- ◇ Quality Professionals
- ◇ Production Managers
- ◇ Process Managers
- ◇ Engineers etc.,

Please Contact / E – Mail your Confirmations to

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For More Information Visit

**www.tnqs.in**

**Professional Fee: INR 3500/- Plus taxes (Each Participant)**

Venue: To be informed to the confirmed participants

**Certification from TnQS**

